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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<p>In re application of:</p> <p>MADURawe</p> <p>Application No.: 10/691,013</p> <p>Filed: 10/23/2003</p> <p>For: Programmable Interconnect Structures</p>	<p>Examiner: Don P. Le</p> <p>Art Unit: 2819</p> <p><u>AMENDMENT AND RESPONSE</u></p>
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09/26/2005

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Sir:

In the Office Action mailed 10/04/05, the examiner stated the following:

- I: Claims 1-5, drawn to a programmable interconnect structure, classified in class 326, subclass 38.
- II: Claims 6-21, 30-38, drawn to a programmable buffer, classified in class 326, subclass 82.
- III: Claims 22, 27, drawn to a bi-directional data wire, classified in class 326, subclass 83.
- IV: Claims 23-26, 28, 29, 39-42, drawn to a structure comprising a programmable buffer and a bi-directional wire, classified in class 326, subclass 47.
- V: Claims 43-47, drawn to a method of forming a programmable apparatus, classified in class 716, subclass 16.

Please find enclosed the responses to all issues in the office actions. The Applicant elects with traverse programmable interconnect structures to couple nodes as stated in independent claim 6 (Examiner restriction II) for the current prosecution. Applicant has herewith amended the claims, and provided arguments to show that all claims comply with this election. Withdrawal of the restrictions set forth in the office action is respectfully requested.

Please amend the claims as listed below.